XERUX Xerox Corporation Patent Department 20A Xerox Square Rochester New York 14644 Office of General Counsel AUG

Date of Deposit: August 2, 1990

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the following paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

James T. Beran

8/2/90 Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

The Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of Jock Mackinlay et al.:

Entitled: MOVING VIEWPOINT WITH RESPECT TO A TARGET IN A THREE-DIMENSIONAL

WORKSPACE

Enclosed are also:

X⁻⁻⁻ 15 sheet(s) of [] formal [X] informal drawings.

X An Assignment of the invention to XEROX CORPORATION.

X A copy of the application.

X Combined Declaration and Power of Attorney.

	CLAIMS AS FILE	D	
For Number Filed	Number Extra	Rate	Basic Fee \$370.00
Total Claims 62 -20=	42 ×	\$12	= 504.00
Independent Claims 8-3=	5 ×	\$36	= 180.00
Multiple Dependent Claims	any	\$120	= 00.00
Total Filing Fee		\$1054.00	

Please charge my Deposit Account No. 24-0025 in the amount of \$1054.00 pursuant to the above calculation. Two copies of this sheet are enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, including Extensions of time, or credit any overpayment to Account No. 24-0025.

Copies of Prior Art listed on Form PTO-1449 are enclosed.

Respectfully,

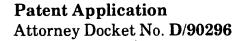
James T. Beran

Aftorney for Applicant Registration No. 31,090

Telephone No. 415-494-4253

Palo Alto, California Date: August 2, 1990





APPLICATION FOR UNITED STATES LETTERS PATENT

Be it known that we, Jock Mackinlay, a citizen of the United States of America; George G. Robertson, a citizen of the United States of America; and Stuart K. Card, a citizen of the United States of America have invented new and useful improvements in:

MOVING VIEWPOINT WITH RESPECT TO A TARGET IN A THREE-DIMENSIONAL WORKSPACE

of which the following is the specification:

EXPRESS MAIL CERTIFICATE

"Express Mail" label number: OB257860713

Date of Deposit: August 2, 1990

I hereby certify that the following attached paper or fee, an application entitled MOVING VIEWPOINT WITH RESPECT TO A TARGET IN A THREE-DIMENSIONAL WORKSPACE, is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231.

James T. Beran
(Typed or printed name of person mailing paper or fee)

Signature of person mailing paper or fee)